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☐ 1. Document ID: EP 36790 A DE 3164047 G EP 36790 B FR 2478662 A JP 56167774 A
US 4409039 A

L3: Entry 1 of 1

File: DWPI

Sep 30, 1981

DERWENT-ACC-NO: 1981-74194D

DERWENT-WEEK: 198141

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TITLE: Stable jet printing liquid ink compsn. - comprises microemulsion of mutually incompatible disperse and dispersing phases sepd. by interfacial film of surfactant

INVENTOR: LEPESANT, J P; TANTOT, G

PRIORITY-DATA: 1980FR-0006400 (March 21, 1980)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
EP 36790 A	September 30, 1981	F	011	
DE 3164047 G	July 19, 1984		000	
EP 36790 B	June 13, 1984	F	000	
FR 2478662 A	September 25, 1981		000	
JP 56167774 A	December 23, 1981		000	
US 4409039 A	October 11, 1983		000	

INT-CL (IPC): C09D 11/02

Full	Title	CIT.1	REV.1	CLS.1	REF.1	SEQ.1	ATT.1
RAW.1							

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jp-56167774-\$.did.

1

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L13: Entry 2 of 2

File: DWPI

Sep 11, 1987

DERWENT-ACC-NO: 1987-295576

DERWENT-WEEK: 198742

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TITLE: Prodn. of metallised inorganic particles used in electromagnetic ink - with very fine liq. particles of dyestuff soln. dispersed in aq. medium to inhibit nozzle clogging

PATENT-ASSIGNEE:

ASSIGNEE

CODE

FUJI XEROX CO LTD

XERF

PRIORITY-DATA: 1986JP-0048438 (March 7, 1986)

Search Selected

Search ALL

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PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

☒ JP 62207375 A

September 11, 1987

004

☒ JP 93076977 B

October 25, 1993

004

C09D011/00

APPLICATION-DATA:

PUB-NO

APPL-DATE

APPL-NO

DESCRIPTOR

JP 62207375A

March 7, 1986

1986JP-0048438

JP 93076977B

March 7, 1986

1986JP-0048438

JP 93076977B

JP 62207375

Based on

INT-CL (IPC): C09D 11/00

ABSTRACTED-PUB-NO: JP 62207375A

BASIC-ABSTRACT:

The compsn. comprises dispersion phase of very fine liq. particles of the soln. of oil-solubl dyestuff dissolved in organic solvent, dispersed in water as principal component of dispersio medium. The solubility of the organic solvent in water at ordinary temp. is under 1 wt.%. Specific gravity of the solvent before its dissolution of the oil-soluble dye is 0.9-1.1 at ordinary temp..

USE/ADVANTAGE - The ink compsn. is emulsified disperse system with water as the disperse medi and the organic solvent that dissolves oil-soluble dye as the disperse phase. When the printi on the ink-jet recording paper is performed by the use of this ink compsn., water as disperse medium permeates the recording paper inside quickly, oil-soluble dye selectively remains on t paper surface and so dark coloured images without bleeding can be obt'd. on the paper. Water does not cause bleeding of images or redn. of colour deepness. The compsn. has excellent stability and does not give rise to clogging of jet-nozzle in the ink jet recorder for a long period.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: PRODUCE METALLISE INORGANIC PARTICLE ELECTROMAGNET INK FINE LIQUID PARTICLE DYE SOLUTION DISPERSE AQUEOUS MEDIUM INHIBIT NOZZLE CLOGGED

DERWENT-CLASS: A60 G02 L03 M13 T04 X12

CPI-CODES: G02-A04A;

EPI-CODES: T04-G02;

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1987-125681

Non-CPI Secondary Accession Numbers: N1987-221072